

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: August 30, 2006

Inspector: Diana Walden

Location: Transition Stations: Hoyts Hill, Archers Lane, Norwalk Junction

Storm/

Rain Event: Highly variable amounts of rain were recorded over 8/25- 8/29 with 1.29" in Danbury and up to 8.05" in Bridgeport as reported by NOAA. Local totals may vary.

| Areas of Inspection | Observation | Recommended Action | Corrected Actions |
|------------------------------------|--|--|--|
| Access Roads and Adjacent Roadways | - Hoyts Hill: Access is gained off Hoyts Hill Road. The driveway was recently paved. An apparent stormwater run-off path was noted here. 8/30/06 | -The gully will be filled in if necessary now that the driveway is paved. Asphalt curbing and grading is still proposed for the area. 8/30/06. | -N/A |
| | - Archers Lane: Water levels at the wetland crossings on the access road to the ROW appear to remain below problem levels. 8/30/06. | -The 1 st wetland crossing needs some maintenance and sediment removal. See the EC section. 6/28-8/30/06. This crossing will also have to be removed when work and access needs are complete. 8/30/06 | -Needs attention |
| | - The silt fence along the access road retains accumulated sediment and pooled water. 8/30/06 Significant sediment still needs to be removed from the wetland 7/26-8/30/06 | - This area will also need some final stabilization measures as this is an ongoing problem. Remove sediment carefully by hand. It is several inches deep in spots 8/9-8/30/06 | - Needs sediment removal. (Future solutions are being discussed) |
| | -Slopes remain disturbed along the access road where 345kV trenching occurred and stockpiles remain. 8/16-8/30/06 | - AL contractors will likely need to perform restoration when work is complete here. 5/4-8/30/06 | - Needs attention when work is complete |

| Areas of Inspection | Observation | Recommended Action | Corrected Actions |
|--|--|--|--|
| Access Roads and Adjacent Roadways continued | <p>- Haybales remain in place where water had pooled in the access road near the stone wall. 8/30/06</p> <p>- Norwalk Junction: Sediment tracking did not appear to be an issue at this time. 5/25-8/30/06.</p> <p>-The front portion of the yard is largely disturbed due to extensive parking here. 8/30/06</p> | <p>-Continue to monitor for more permanent solutions if necessary. 8/30/06</p> <p>-Continue to monitor Rt. 7 at the main access pad. 8/30/06</p> <p>- Stabilize any areas as feasible to reduce disturbance. 8/30/06</p> | <p>-N/A</p> <p>-N/A</p> <p>- Needs attention when feasible</p> |
| Foundation construction | <p>-At Archers Lane, 345kV crews had oil deliveries made to the tanks here. 8/30/06</p> <p>-At Norwalk Junction: Work continues on the structures and equipment in the station pad. Wire pulling crews for overhead work were also present on site. 8/30/06.</p> <p>- The adjacent storage center built an earthen/fabric berm along the silt fence adjacent to the site. 5/25-8/30/06</p> | <p>-Good controls were in place. 8/30/06</p> <p>- None at this time. See erosion control section 6/1-8/30/06</p> <p>- This is not project related/jurisdictional or covered under the permit held by NU. 5/25-8/30/06</p> | <p>-N/A</p> <p>- N/A</p> <p>- N/A – not project jurisdictional</p> |
| Erosion and Sediment Controls | <p>-Hoyts Hill: The perimeter silt fence along the wetlands at the rear of the station remains in good shape. 4/6-8/30/06.</p> <p>- The restored wetland at the base of slope continues to revegetate 8/16-8/30/06</p> <p>-One small gully in the southern slope remains along the stone pad. The surrounding area is</p> | <p>-Fence can likely be removed from most areas as adjacent vegetation is stable. 8/24-8/30/06</p> <p>- Continue to monitor as the area stabilizes. 8/30/06</p> <p>-Determine if the area has stabilized adequately or if the gully still needs restoration. 8/16-8/30/06.</p> | <p>- N/A</p> <p>- N/A.</p> <p>- Needs attention when feasible</p> |

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|---|--|--|---|
| Erosion and Sediment Controls continued | <p>vegetated and may have sufficiently stabilized. 8/30/06.</p> <p>- Archers Lane: Silt fence along the access road at the 1st wetland was intact but retained pooled water. Significant accumulated sediment remains in the wetland. 7/5-8/30/06</p> <p>- A second area just upgradient had sediment accumulation up to and over the silt fence in the wetland. 8/30/06</p> <p>- A few of the repaired areas upgradient of the 2nd wetland crossing at the ROW started to erode again. 8/16-8/30/06</p> <p>- Haybales remain at the stonewall near Diamond Hill where run-off had been pooling. 8/3-8/24/06</p> <p>- The silt fence where the process stockpile remains in good shape. 8/24/06</p> | <p>Future repairs are planned. 8/30/06</p> <p>- Remove sediment carefully by hand. It was several inches deep in spots. 7/5-8/30/06 NU is looking into final stabilization measures as this is an on-going problem. 8/16-8/30/06</p> <p>- Repair and reinforce controls here as well and remove sediment. 8/30/06</p> <p>- See Overhead report. 8/16-8/30/06</p> <p>- Continue to monitor. 8/24/06</p> <p>- Revegetate the area to the extent practicable but it is still being used for parking 8/9-8/24/06</p> | <p>- Still needs attention</p> <p>- N/A</p> <p>- N/A</p> <p>-N/A until access is complete</p> |
| | <p>- Norwalk Junction: Perimeter silt fence remain in good shape along the river. 5/17-8/30/06.</p> <p>-The wetland area at the end of the swale, outside the silt fence, adjacent to the river contains accumulated sediment. 6/7-8/30/06</p> <p>- Increasingly larger areas on site have soil disturbance (due to</p> | <p>- None at this time. Continue to monitor controls. 5/17-8/30/06.</p> <p>- The silt is contained and does not yet reach the river. Wetland vegetation was also noted growing here, but silt has built up at the stone outlet and should be removed by hand 6/1-8/30/06</p> <p>- Remove accumulated sediment from the swale and continue to improve</p> | <p>-N/A</p> <p>- Needs attention</p> <p>- Needs attention</p> |

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|---|--|---|---|
| | parking and tracking) leading to additional sediment in the swale. 7/19-8/30/06 This includes the area adjacent to the perimeter chain link fence by the river. 7/26-8/30/06 | water quality to the swale by restoring areas wherever feasible. 6/1- 8/30/06 | |
| | -The portion of the swale that was filled in has been regraded but remains exposed 8/16-8/30/06 | -Place stone and revegetate to restore the swale to previous conditions. 8/16-8/30/06 | - Needs attention |
| Inland Wetland and Watercourse encroachment and mitigation | <p>- Hoyts Hill: The wetland remains well protected and well vegetated 8/30/06</p> <p>-Archers Lane:Significant accumulated sediment in the 1st wetland crossing needs to be removed. 6/28-8/30/06.</p> <p>- Norwalk Junction: The outlet of the drainage swale is at the headwall of the wetland area. Wetland vegetation was growing but silt has accumulated and turbid water remains 6/14- 8/30/06</p> | <p>-Erosion controls could likely be removed from most areas. 8/30/06.</p> <p>- Carefully remove the sediment from the wetland where there are significant buildups Some areas have almost 6 inches. 6/28-8/30/06.</p> <p>- Reduce turbidity by controlling its source- disturbed surfaces and dewatering on site. The area does not seem affected but deeper sediment buildup at the outlet should be removed. 5/25-8/30/06.</p> | <p>- N/A.</p> <p>- Still needs attention. NU is evaluating more permanent solutions</p> <p>-Needs attention</p> |
| State species of concern, threatened and endangered species | - No species of concern are located in these areas of construction. | - N/A | -N/A |
| Vegetative clearing limits or stabilization | <p>- Archers Lane: Consider final stabilization measures for the area so turbid run-off to the wetland will be reduced. 7/26-8/30/06.</p> <p>- Norwalk Junction: -A number of bare soil</p> | <p>-NU is evaluating potential solutions here. 7/26-8/30/06.</p> <p>- Restore perimeter surfaces wherever</p> | <p>-Needs attention when feasible</p> <p>-Needs attention</p> |

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| | areas around the perimeter of site should be temporarily stabilized/vegetated due to sediment loading to the swale. 7/26-8/30/06. | feasible (even if it is temporary) 6/1-8/30/06. | |
| Dewatering Norwalk Junction | -No active dewatering was noted at Norwalk Junction. However, some portions of the swale need restoration. 8/30/06 | -Restore swale when feasible. 8/16-8/30/06. | -Needs attention |
| Blasting | - All blasting is complete. 8/30/06 | - None at this time. | -N/A |
| Soils | - A few soil stockpiles remain at Norwalk Junction . Most soil was used or removed. 8/30/06. | - Stockpiles remain contained and are limited. 8/30/06. | -N/A |
| Spills and Material Storage | - No obvious drips or spills were noted at the inspection. 8/30/06 -Good proactive controls were in place at Archers Lane for the oil delivery for the 345kV HPFF portion of the project. | - Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site - Report spills immediately, even if they are being controlled. - Take care not to get carried away and to be vigilant when refueling. Avoid refueling in the areas near the wetlands. See proper storage for all materials. | |
| Additional Observations | | | |

Next likely scheduled inspection:

Thursday September 7, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature:

Diana Walden



Hoyts Hill Transition Station: Photo on the left shows the paved drive up to the station with an apparent stormwater run-off path. Grading work is proposed and will occur soon. Photo on the right shows the remaining gully to the stone pad. The surrounding vegetation has helped to stabilize the area. 8/30/06



Archers Lane: Photo on the left shows a view of the yard. 345kV crews were preparing for oil delivery to the tank here. Good controls were in place. Photo on the right shows the pooled water and sediment against the silt fence at the 1st wetland crossing. Sediment accumulation in the wetland is several inches deep. 8/30/06



Photo on the left shows sediment accumulation at a spot along the access road just upgradient from the previous photo. Sediment has also reached this portion of the wetland. Norwalk Junction: Photo on the right shows the progress made to the structures and equipment in the yard. 8/30/06.



Photo on the left shows the front of the yard along Rt. 7. A large portion of the site is disturbed for parking. Areas should be stabilized as soon as possible to reduce run-off to the swale. Photo on the left shows the wetland area at the end of the swale with accumulated sediment that should be removed. 8/30/06.